

Sub P1

WHAT IS CLAIMED IS:

1. An ink-jet recording medium for use in an ink-jet image forming method in which a transparent film layer formed on a substrate as coating is placed on an ink-receiving layer of said recording medium, and then the side of said substrate is heated to transfer said transparent film layer on said ink-receiving layer, followed by peeling off said substrate to laminate said transparent film layer on the surface of said ink-receiving layer, said ink-receiving layer containing polyvinyl alcohol and a cross-linking agent.

2. The ink-jet recording medium according to claim 1, wherein the content of said polyvinyl alcohol in said ink-receiving layer is not lower than 30 mass %.

3. The ink-jet recording medium according to claim 1 or 2, wherein the degree of saponification of said polyvinyl alcohol is between 78% and 89%.

4. The ink-jet recording medium according to claim 1 or 2, wherein said cross-linking agent is an isocyanate type compound.

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5. The ink-jet recording medium according to claim 1 or 2, wherein said cross-link agent is an epoxy

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Sub P2

*Sub A2/1
cont*

~~type compound.~~

6. The ink-jet recording medium according to
claim 1, wherein said ink-receiving layer contains
5 porous inorganic particles.

Sub A3

~~7. The ink-jet recording medium according to
claim 6, wherein said porous inorganic particles are
those of silica.~~

Sub A

10 8. The ink-jet recording medium according to
claim 7, wherein the average particle diameter of
silica is between 5 μm and 7 μm .

15 9. The ink-jet recording medium according to
claim 2, wherein the average degree of polymerization
of said polyvinyl alcohol is between 1,500 and 3,600.

Sub B

20 10. The ink-jet printed article comprising the
ink-jet recording medium according to claim 1 or 2
having an image formed on the ink-receiving layer
thereof, said transparent film layer being formed on
said ink-receiving layer as coating.

25 11. An image forming method comprising the steps
of forming an image on the ink-receiving layer of the
ink-jet recording medium according to claim 1 or 2 by

gw²
B¹¹
Coat¹¹

ink-jet and coating said ink-receiving layer with the transparent film layer by heating.

AOD B¹²
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